

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086263.D
 Acq On : 16 Apr 2016 13:58
 Operator : UM/SJ
 Sample : H2471-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH5

Quant Time: Apr 18 04:10:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

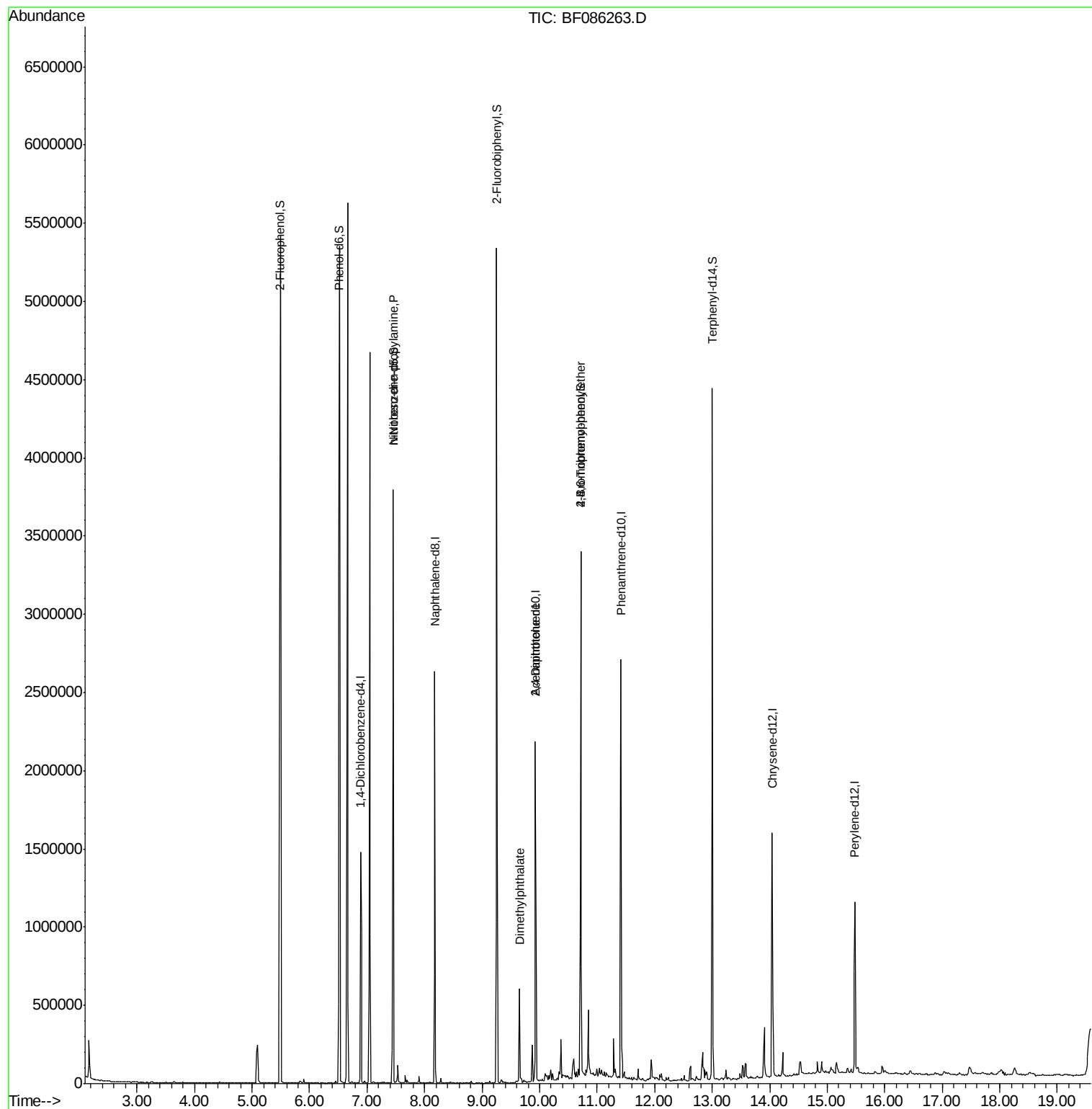
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	281070	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1163049	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	483120	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	872396	20.00	ng	0.00
75) Chrysene-d12	14.04	240	509277	20.00	ng	-0.01
86) Perylene-d12	15.48	264	497205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1656812	96.58	ng	0.01
7) Phenol-d6	6.52	99	2198571	102.46	ng	0.00
23) Nitrobenzene-d5	7.46	82	1509389	74.85	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	379859	97.92	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1805667	68.97	ng	-0.01
78) Terphenyl-d14	13.00	244	1386674	68.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	205223	14.94	ng	# 78
22) Acetophenone	7.30	105	435	Below	Cal	# 27
49) Dimethylphthalate	9.65	163	369063	10.51	ng	98
56) 2,4-Dinitrotoluene	9.93	165	60464	6.08	ng	# 31
57) Fluorene	10.48	166	2061	Below	Cal	# 91
66) 4-Bromophenyl-phenylether	10.72	248	22615	2.78	ng	# 1
71) Anthracene	11.44	178	30283	Below	Cal	97
74) Fluoranthene	12.62	202	46184	Below	Cal	93

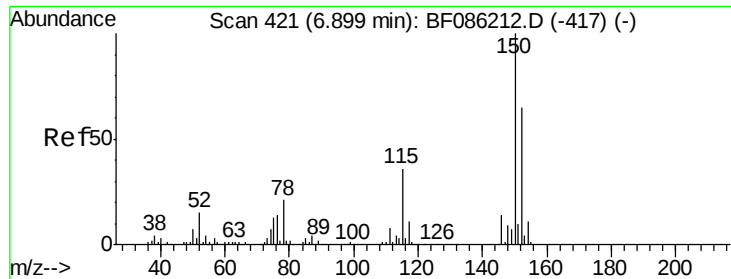
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

Instrument :

BNA_F

ClientSampleId :

CDMSH5

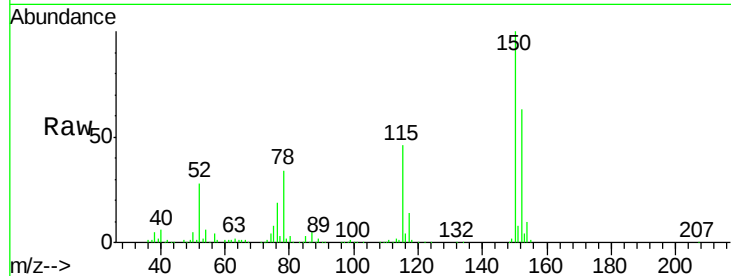
Tgt Ion:152 Resp: 281070

Ion Ratio Lower Upper

152 100

150 158.9 124.1 186.1

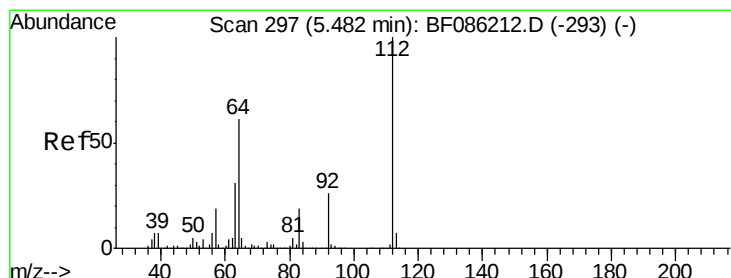
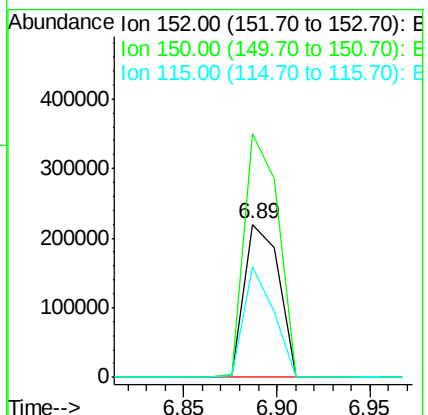
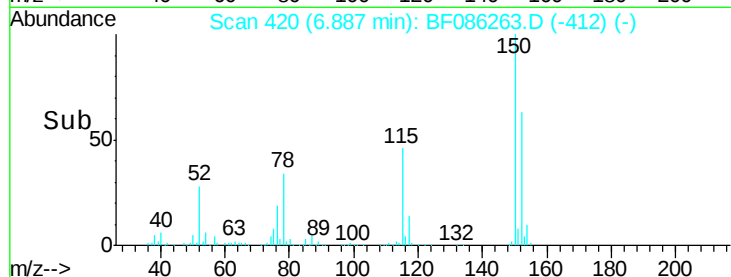
115 72.3 43.9 65.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 96.58 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

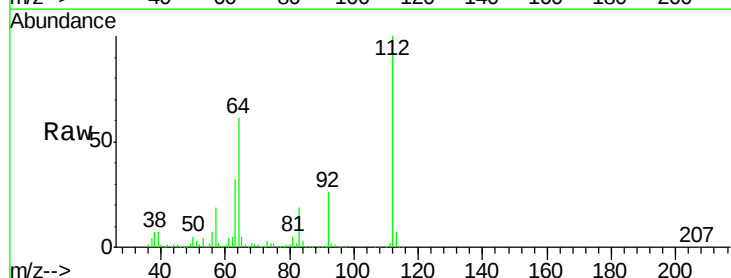
Tgt Ion:112 Resp: 1656812

Ion Ratio Lower Upper

112 100

64 61.2 48.1 72.1

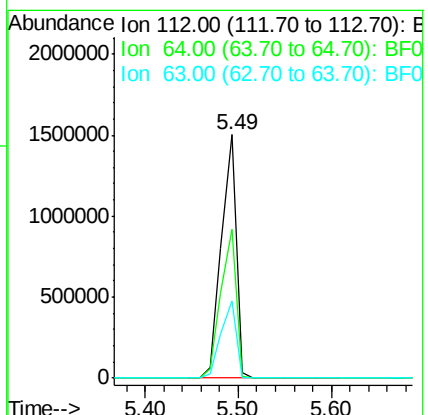
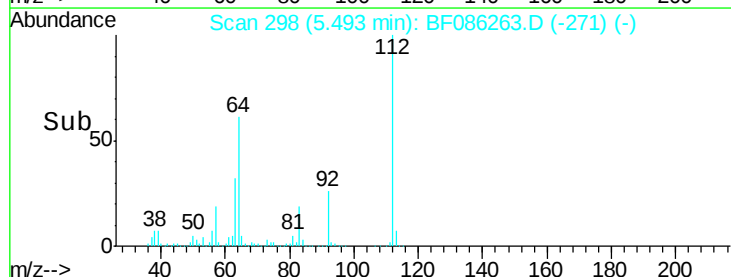
63 31.6 25.5 38.3

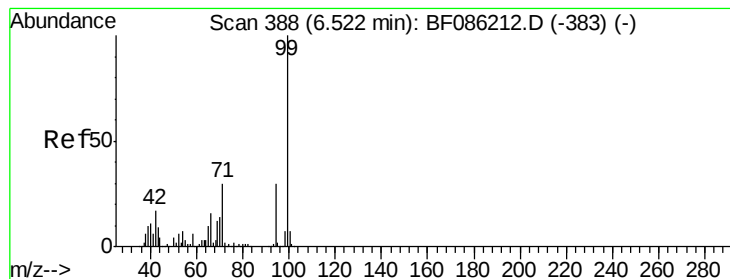


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.46 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

Instrument :

BNA_F

ClientSampleId :

CDMSH5

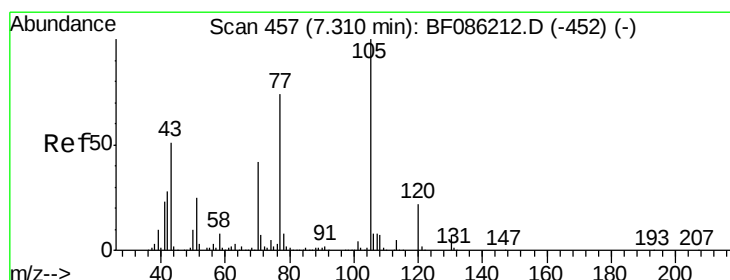
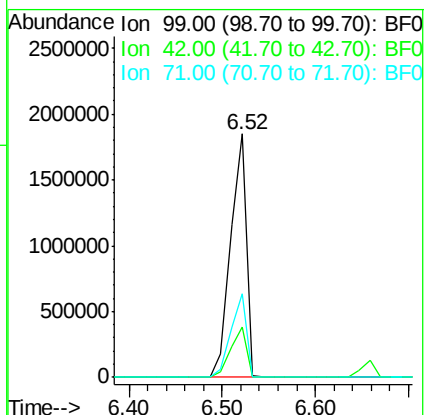
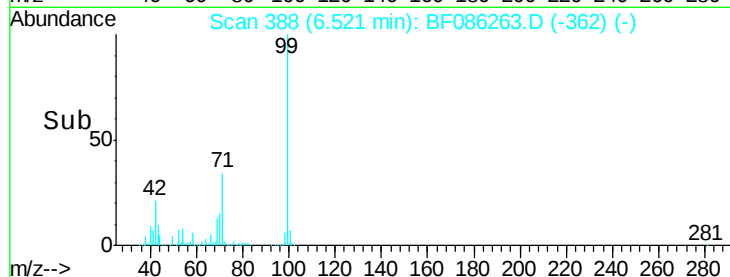
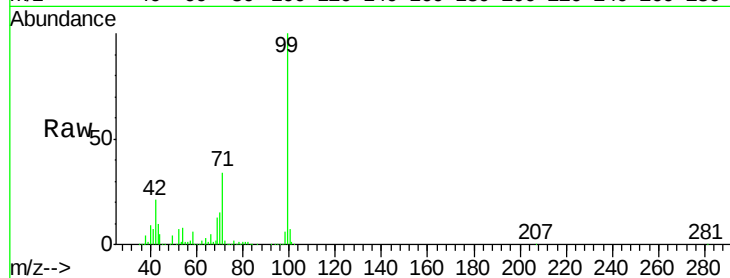
Tgt Ion: 99 Resp: 2198571

Ion Ratio Lower Upper

99 100

42 20.9 15.4 23.2

71 34.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.94 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

Tgt Ion: 70 Resp: 205223

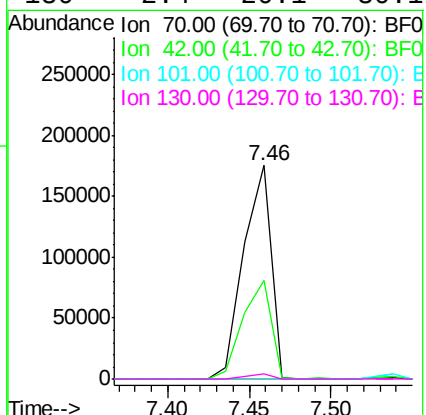
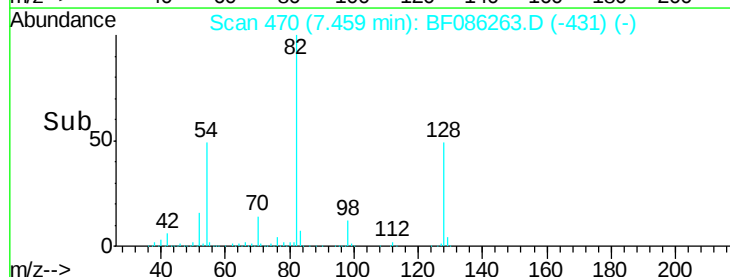
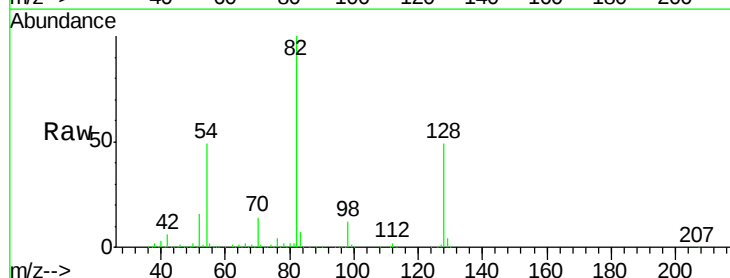
Ion Ratio Lower Upper

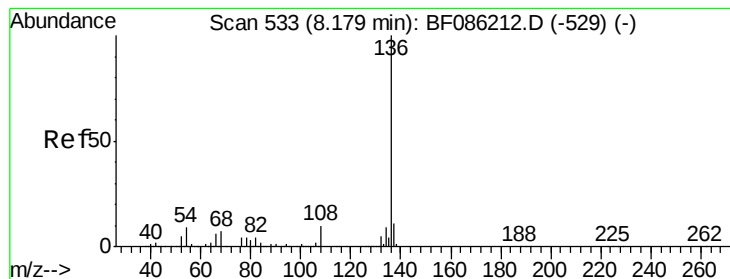
70 100

42 46.0 43.0 64.4

101 0.0 8.1 12.1#

130 2.4 20.1 30.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

Instrument :

BNA_F

ClientSampleId :

CDMSH5

Tgt Ion:136 Resp: 1163049

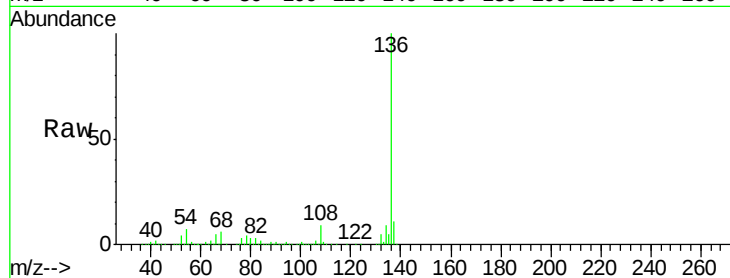
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.4 7.3 10.9

68 6.0 5.7 8.5

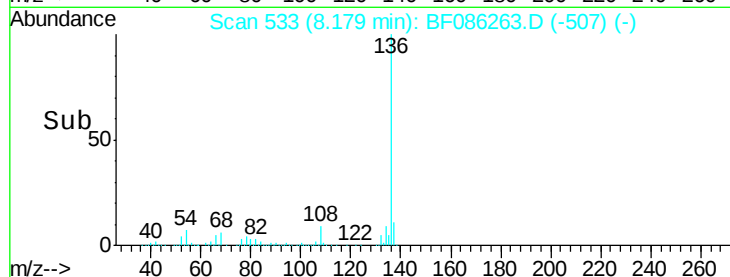


Abundance Ion 136.00 (135.70 to 136.70): E

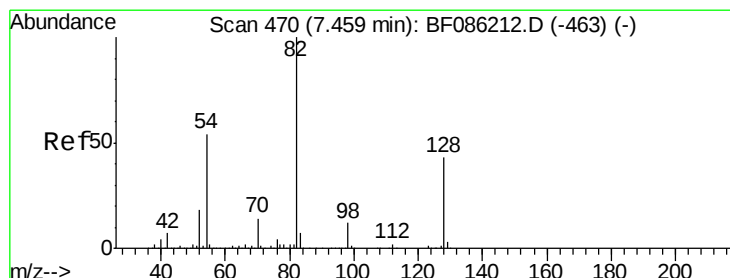
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 74.85 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

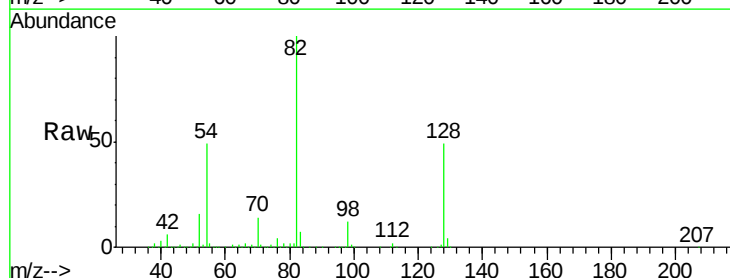
Tgt Ion: 82 Resp: 1509389

Ion Ratio Lower Upper

82 100

128 49.0 35.4 53.2

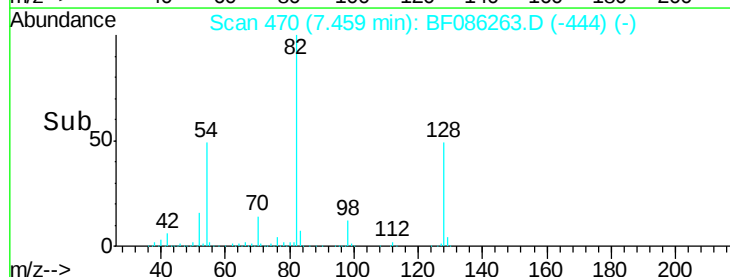
54 48.6 43.4 65.0



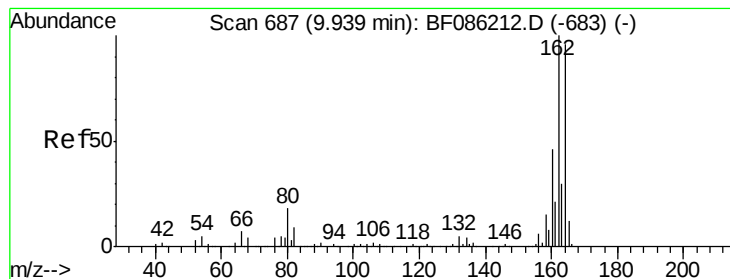
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

Instrument :

BNA_F

ClientSampleId :

CDMSH5

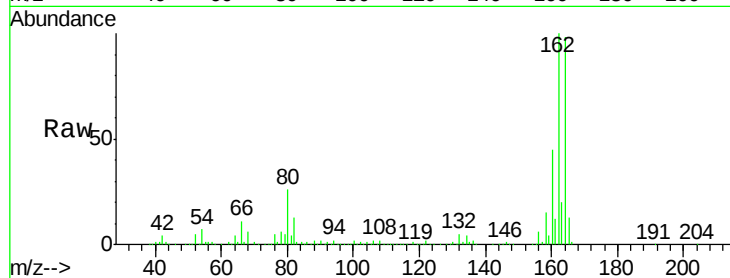
Tgt Ion:164 Resp: 483120

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

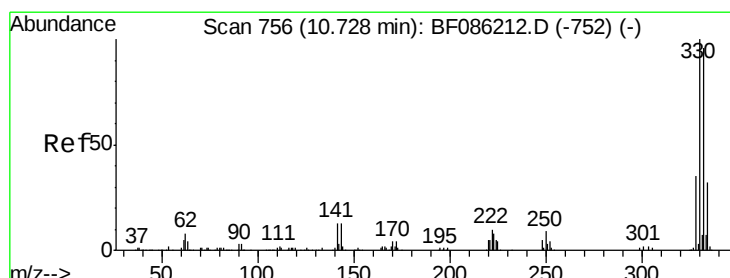
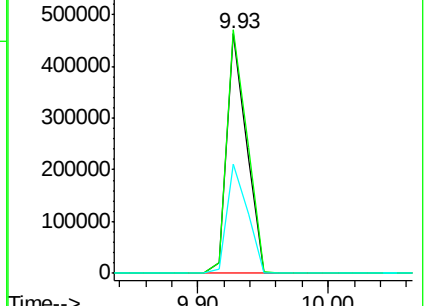
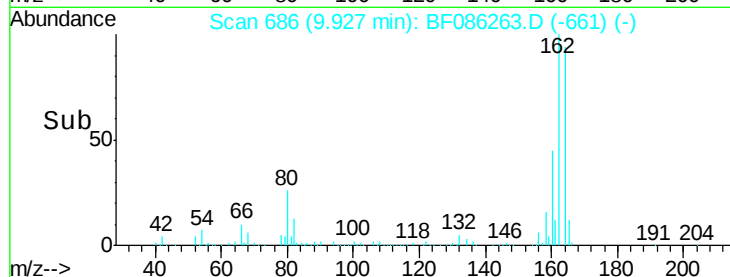
160 45.8 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 97.92 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

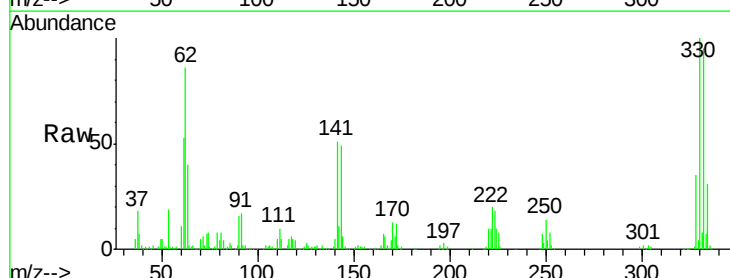
Tgt Ion:330 Resp: 379859

Ion Ratio Lower Upper

330 100

332 96.4 78.7 118.1

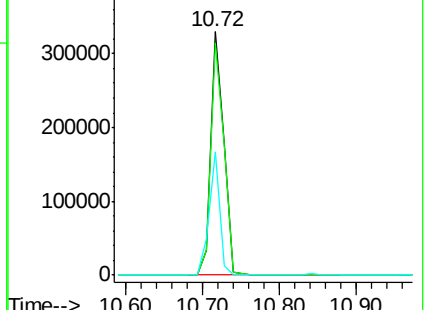
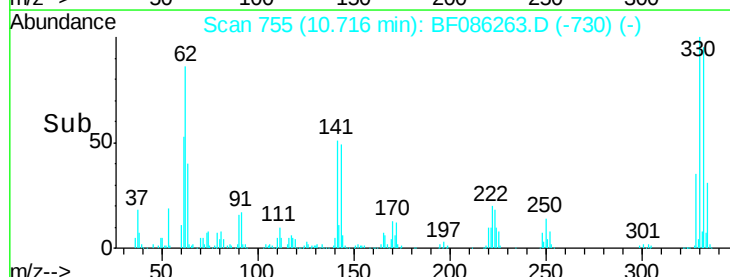
141 42.3 28.6 42.8

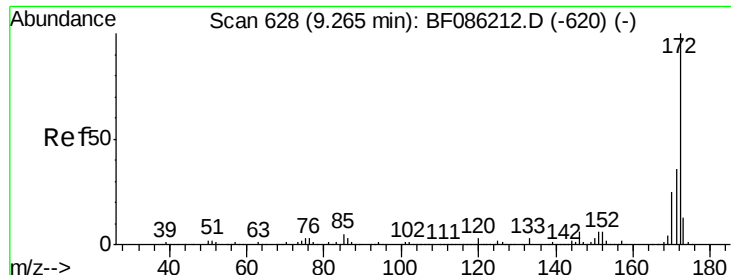


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

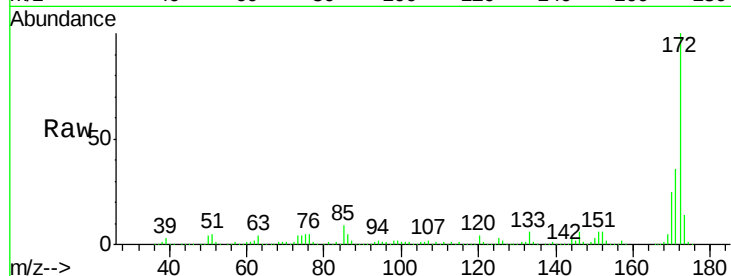




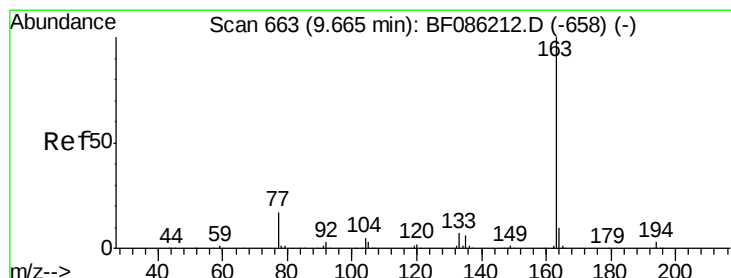
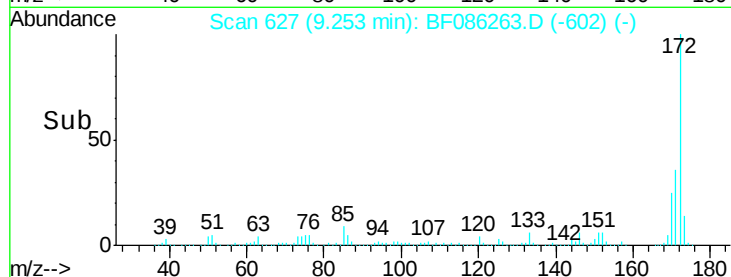
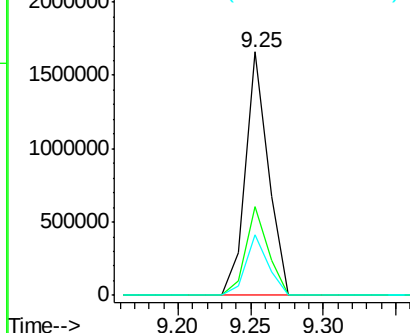
#44
2-Fluorobiphenyl
Concen: 68.97 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086263.D
Acq: 16 Apr 2016 13:58

Instrument :
BNA_F
ClientSampleId :
CDMSH5

Tgt Ion:172 Resp: 1805667
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 25.0 19.9 29.9

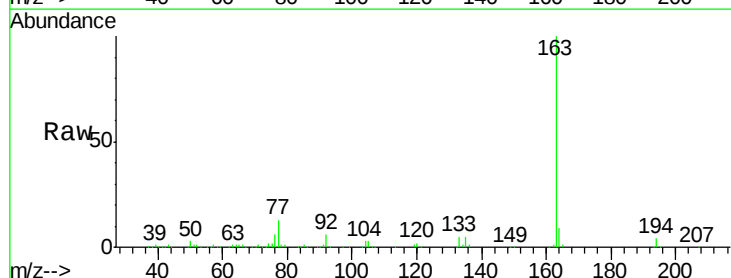


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

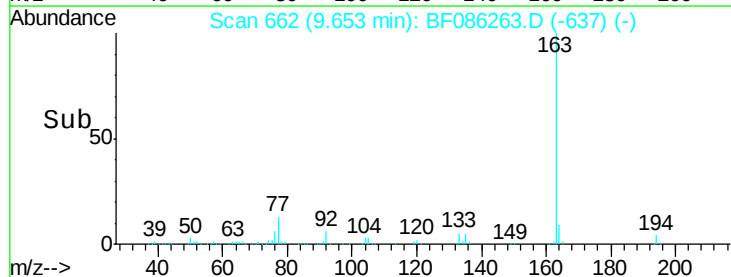
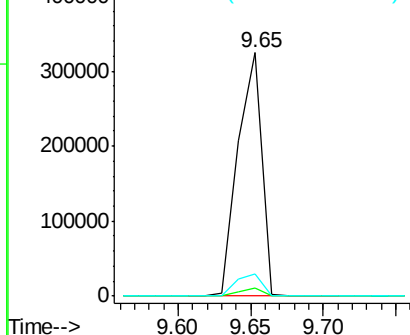


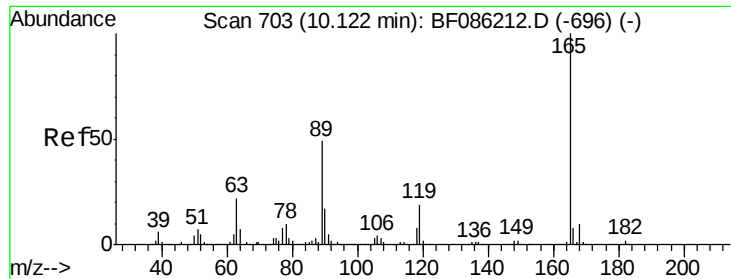
#49
Dimethylphthalate
Concen: 10.51 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086263.D
Acq: 16 Apr 2016 13:58

Tgt Ion:163 Resp: 369063
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

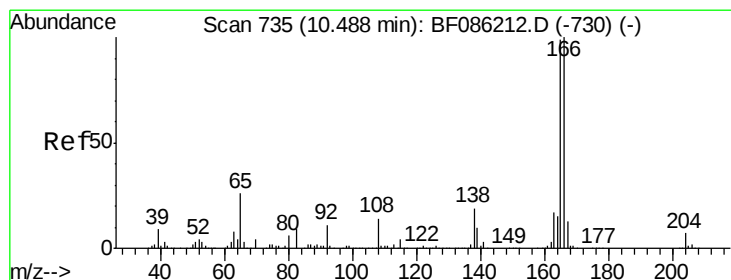
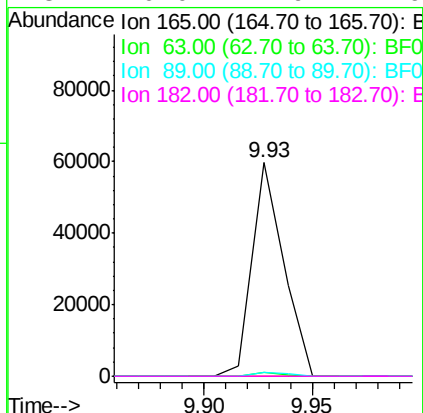
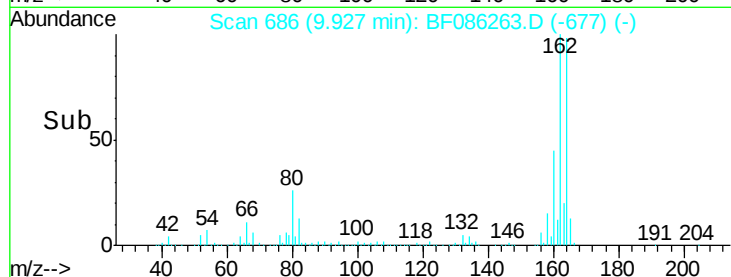
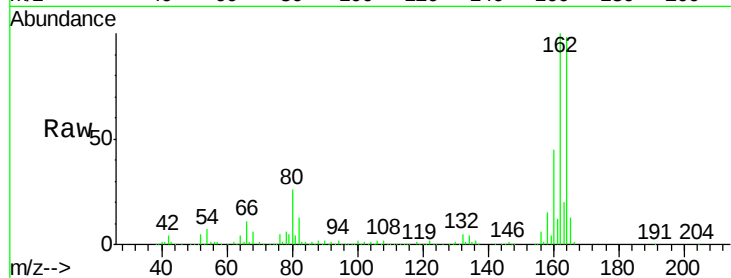




#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086263.D
Acq: 16 Apr 2016 13:58

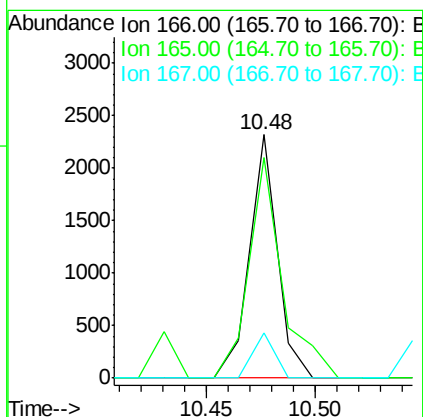
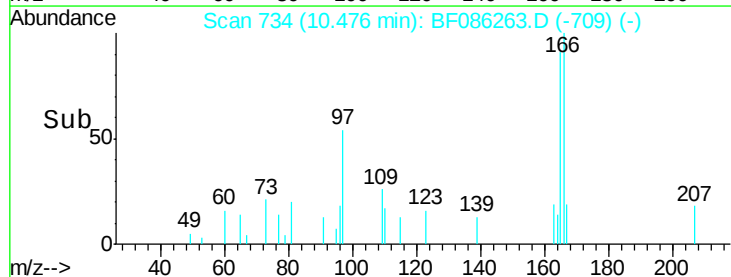
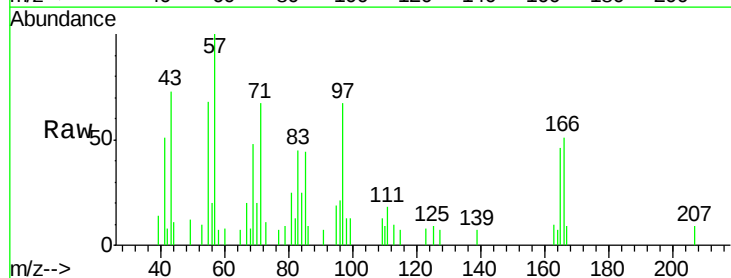
Instrument :
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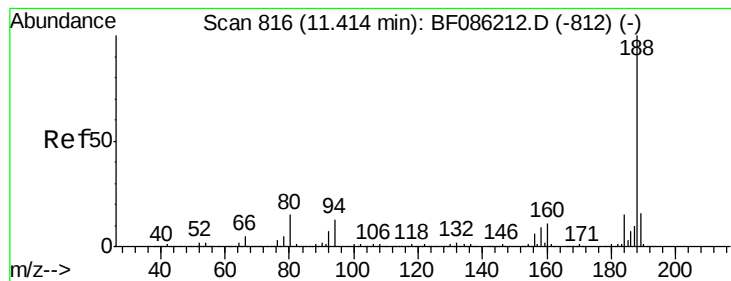
Tgt Ion:165 Resp: 60464
Ion Ratio Lower Upper
165 100
63 1.7 26.6 40.0#
89 1.7 49.5 74.3#
182 0.0 1.9 2.9#



#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086263.D
Acq: 16 Apr 2016 13:58

Tgt Ion:166 Resp: 2061
Ion Ratio Lower Upper
166 100
165 90.5 78.6 117.8
167 18.7 10.4 15.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

Instrument :

BNA_F

ClientSampleId :

CDMSH5

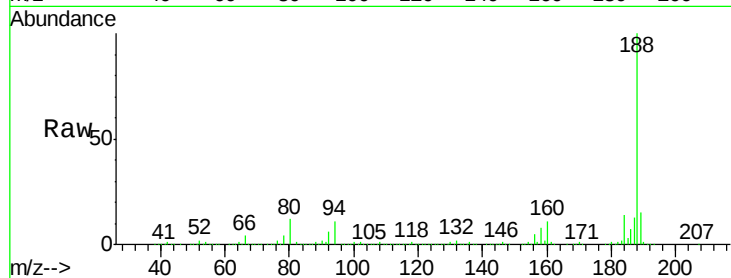
Tgt Ion:188 Resp: 872396

Ion Ratio Lower Upper

188 100

94 11.3 9.8 14.8

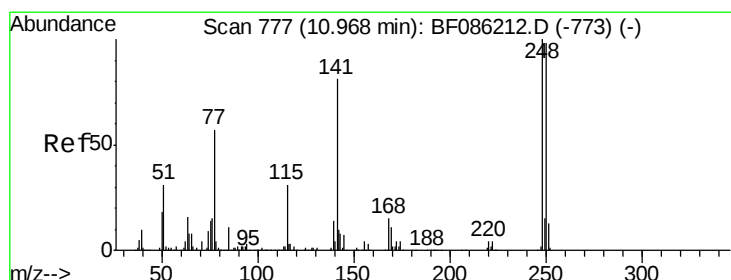
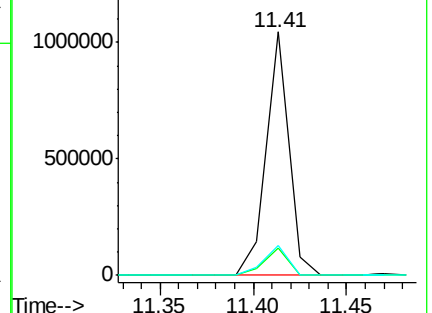
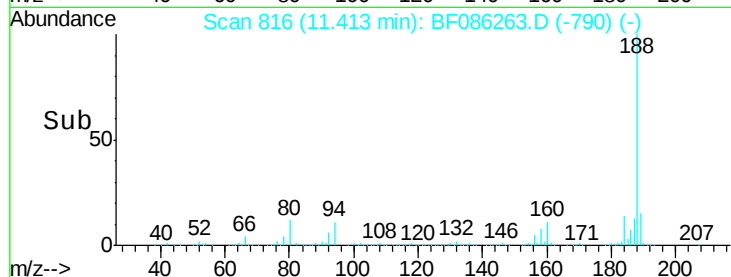
80 12.3 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 2.78 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.25 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

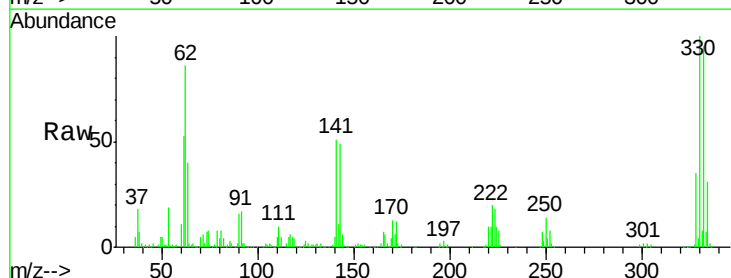
Tgt Ion:248 Resp: 22615

Ion Ratio Lower Upper

248 100

250 201.4 78.6 118.0#

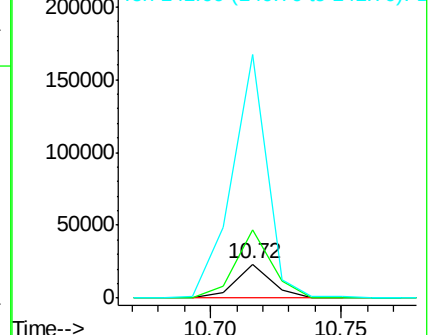
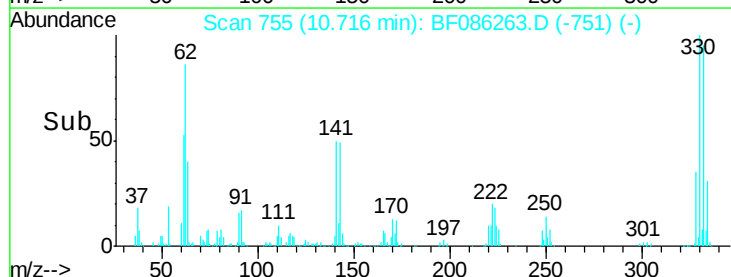
141 718.4 57.9 86.9#

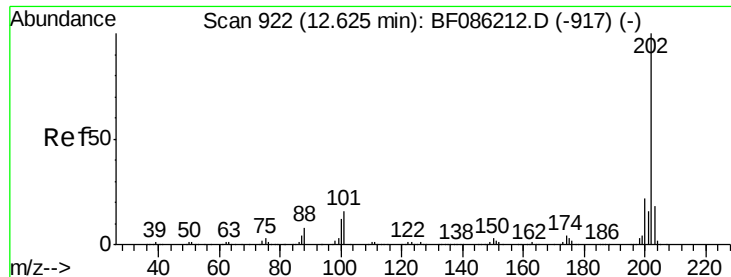


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

Instrument :

BNA_F

ClientSampleId :

CDMSH5

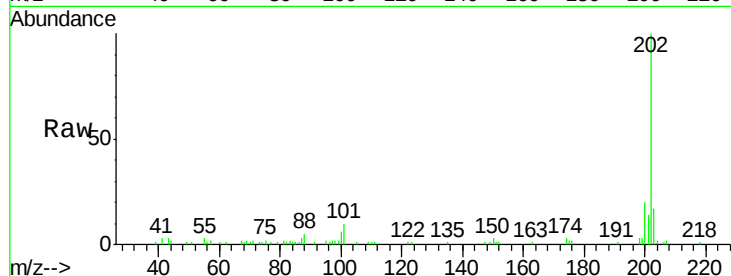
Tgt Ion:202 Resp: 46184

Ion Ratio Lower Upper

202 100

101 9.8 0.0 35.2

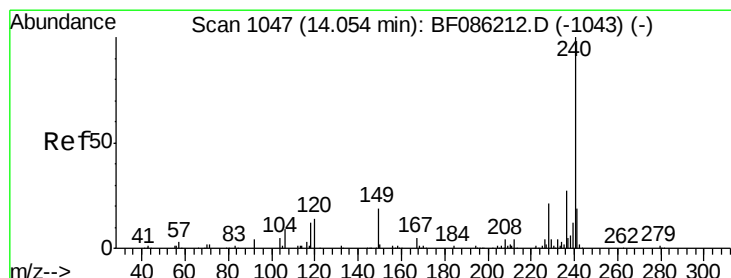
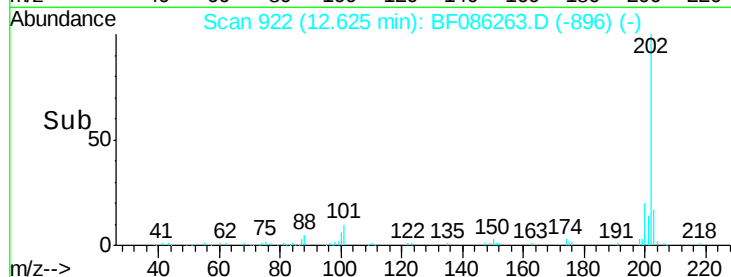
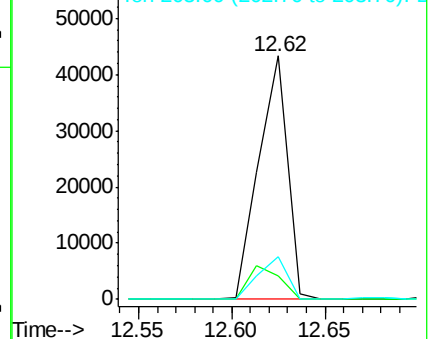
203 17.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086263.D

Acq: 16 Apr 2016 13:58

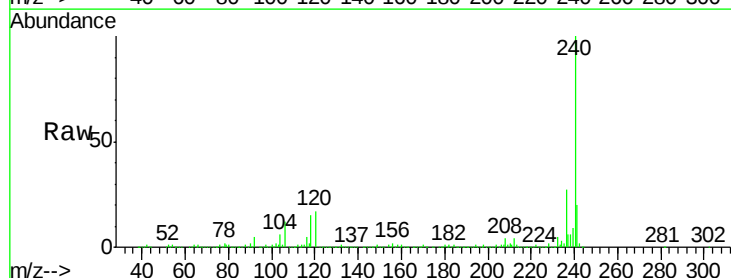
Tgt Ion:240 Resp: 509277

Ion Ratio Lower Upper

240 100

120 17.3 9.3 13.9#

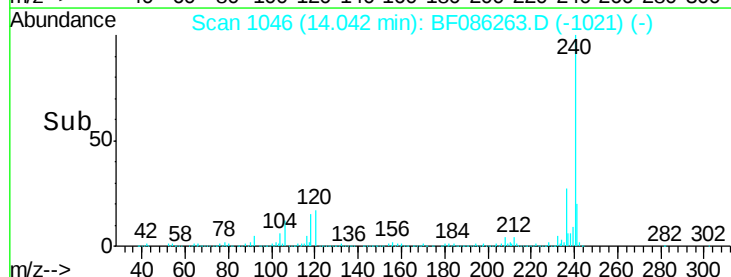
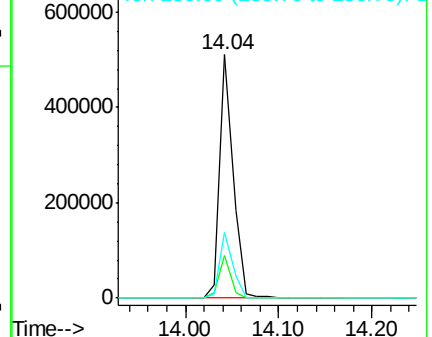
236 27.0 21.1 31.7

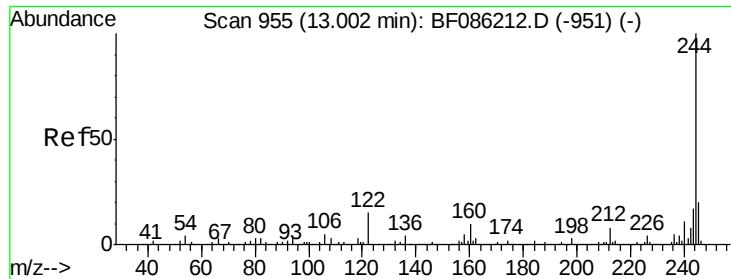


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

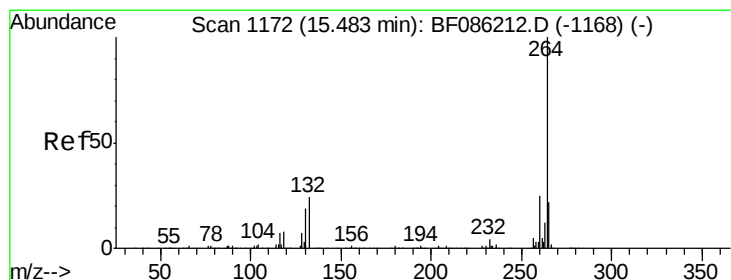
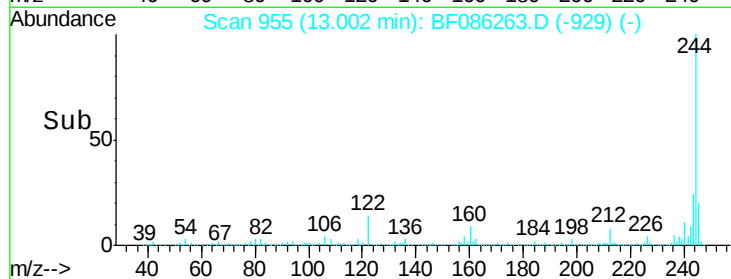
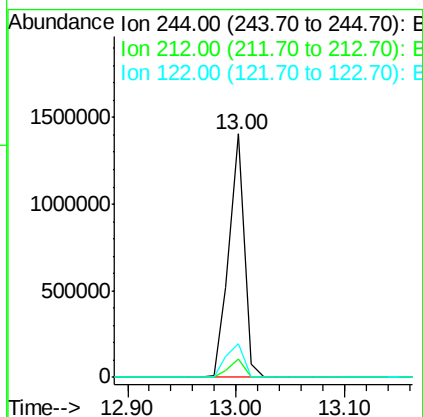
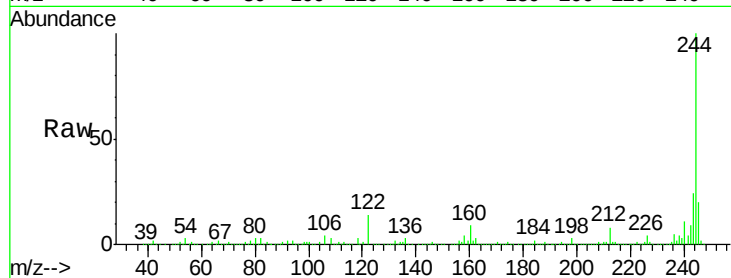




#78
 Terphenyl-d14
 Concen: 68.47 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF086263.D
 Acq: 16 Apr 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH5

Tgt Ion:244 Resp: 1386674
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 13.8 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086263.D
 Acq: 16 Apr 2016 13:58

Tgt Ion:264 Resp: 497205
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 21.3 17.4 26.0

